

Human DPP7 ELISA Kit | DPP7 elisa kit

Human DPP7 ELISA Kit PicoKine

CATALOG # AAA126732	REACTIVITY Human	APPLICATIONS ELISA
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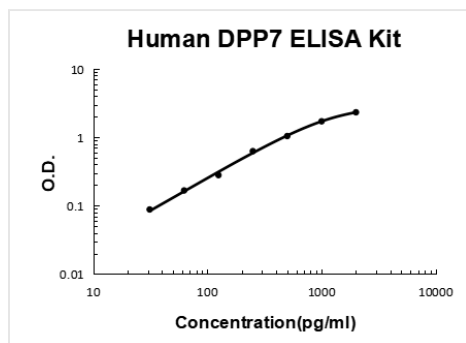
PRODUCT SYNONYMS

DPP7; Human DPP7 ELISA Kit PicoKine; DPP7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human DPP7
Samples	Cell culture supernatants, serum and plasma (heparin, EDTA)
Detection Range	31.2 pg/ml - 2,000 pg/ml
Sensitivity	<10 pg/ml
Applicable Applications for DPP7 elisa kit	ELISA
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)

Human DPP7 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for DPP7 elisa kit	Background: Dipeptidyl-peptidase 2 is an enzyme that in humans is encoded by the DPP7 gene. The protein encoded by this gene is a post-proline cleaving aminopeptidase expressed in quiescent lymphocytes. The resting lymphocytes are maintained through suppression of apoptosis, a state which is disrupted by inhibition of this novel serine protease. The enzyme has strong sequence homology with prolylcarboxypeptidase and is active at both acidic and neutral pH. Principle of the Assay: The Picokine™ Human DPP7 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Human DPP7 with a 96-well strip plate that is pre-coated with antibody specific for DPP7. The detection antibody is a biotinylated antibody specific for DPP7. The capture antibody is a monoclonal antibody from mouse and the detection antibody is a biotinylated polyclonal antibody from goat. The kit includes Human DPP7 protein as standards. To measure Human DPP7, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Human DPP7 in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human DPP7 in the sample.
Product Categories/Family for DPP7 elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	62420888
NCBI GeneID	29952
UniProt Accession #	Q9UHL4; Q5VSF1; Q969X4; A8K7U7
NCBI Official Full Name	dipeptidyl peptidase 2 preproprotein [Homo sapiens]
NCBI Official Synonym Full Names	dipeptidyl-peptidase 7
NCBI Official Symbol	DPP7
NCBI Official Synonym Symbols	QPP; DPP2; DPPII; DPP7
UniProt Protein Name	Dipeptidyl peptidase 2
UniProt Gene Name	DPP7
UniProt Synonym Gene Names	DPP2; QPP
UniProt Entry Name	DPP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.